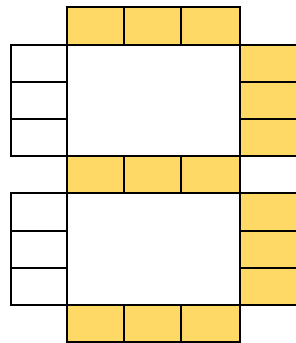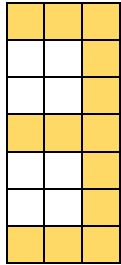**Task 1**

You have 21 leds and four switches. It is required to get four bits binary number input from the user using the four switches. The input digit should be displayed on an one-digit display [like seven segments display] using the 21 leds

For example:

If the user input is 0011 = 3

The leds should display one of the following (or any other suitable arrangement)

If the user input is 1010 = A

The leds should display one of the following (or any other suitable arrangement)